

Final Report

Office of Naval Research Contract N00014-96-1-0877

Planning Meeting for a Discussion of the US Role In CREAMS

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1. Purpose of this Grant

This was a grant of funds during the period 5/1/96–3/31/97, for a total of \$49,085, for the purpose of holding a planning meeting in Honolulu in order to discuss the role of the US and ONR in the Cooperative Research in East Asian Marginal Seas (CREAMS) program in the Japan/East Sea (JES).

2. Goal of the Project

The goal of the project was to organize and host a planning meeting in Honolulu in June of 1996 for the purpose of discussing the US and ONR role in the CREAMS program. Eighteen scientists, from the US, Japan, S. Korea, and Russia were invited to attend the meeting, with all expenses, including airfare, hotel, and meals being paid using funds from this grant.

3. Results of the Project

The planning meeting was held at the Hilton Hawaiian Village Hotel in Honolulu during the period 25–27 June 1996. On the first day of the meeting various participants summarized our general knowledge of the physical oceanography of the JES, including the general circulation of the Sea, numerical models of the Sea, and recent new observational and modelling results from the CREAMS program. During the second day of the meeting selected participants led discussions concerning future work that could build on recent work to begin to answer the most outstanding scientific problems in the JES. A number of specific topics were addressed during these discussions. During the third day of the meeting the group came to a consensus concerning the priorities for future JES research. These priorities include:

1. To obtain an improved description of the mesoscale variability, seasonal variability, and general circulation of the JES at all levels in the water column, including estimates of vertical velocity, coupling between different levels of the JES, and interaction with the coastlines;
2. To obtain improved estimates of the forcing functions of the JES circulation, including atmospheric pressure wind stress, transport through straits, and air-sea fluxes;
3. To develop and evaluate circulation models suitable for the JES and marginal seas generally; and

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4. To characterize the optical properties of the constituent waters of the JES, which also include the neighboring Yellow Sea and East China Sea in order to allow the correct interpretation of ocean color data obtained from the region.

The details of the discussions that took place at the meeting, plus the detailed meeting agenda and a list of participants at the meeting, have been published as a meeting report (Riser and Ramp, 1996).

#### 4. Publications Resulting from this Grant

The details of the discussions that took place at the meeting, plus the detailed meeting agenda and a list of participants at the meeting, have been published as a meeting report (Riser and Ramp, 1996). This document has also appeared on ONR's web site at [http://www.onr.navy.mil/sci\\_tech/ocean/info/ramp1/workshop.htm](http://www.onr.navy.mil/sci_tech/ocean/info/ramp1/workshop.htm).

#### References

Riser S.C. and S.R. Ramp (1996) The Oceanography of the Japan/East Sea. School of Oceanography, University of Washington, Technical Report 96-8.

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